Test Report for Flicker

Report ID: Strobe test
Catalog: ELED-100-xT-SL(x=12,24 or 48)
Description: worked with regular and appropriate LED strip according to tested LED driver

Manufacturer: China Factory
Number:
Comments: 50% brightness level

Test Results

Power Supply: U=230.0V, F=50.00Hz, Voltage Modulation: No

Basic

Frequency: 445.986 Hz
Average: 4288.065 lm
Maximum: 8086.450 lm
Minimum: 0.000 lm

IEC-Pst

PstLM: 0.307
Evaluate: Acceptable

CIE SVM

SVM: 0.479
Visibility: Not Visibile

IEEE Std 1789

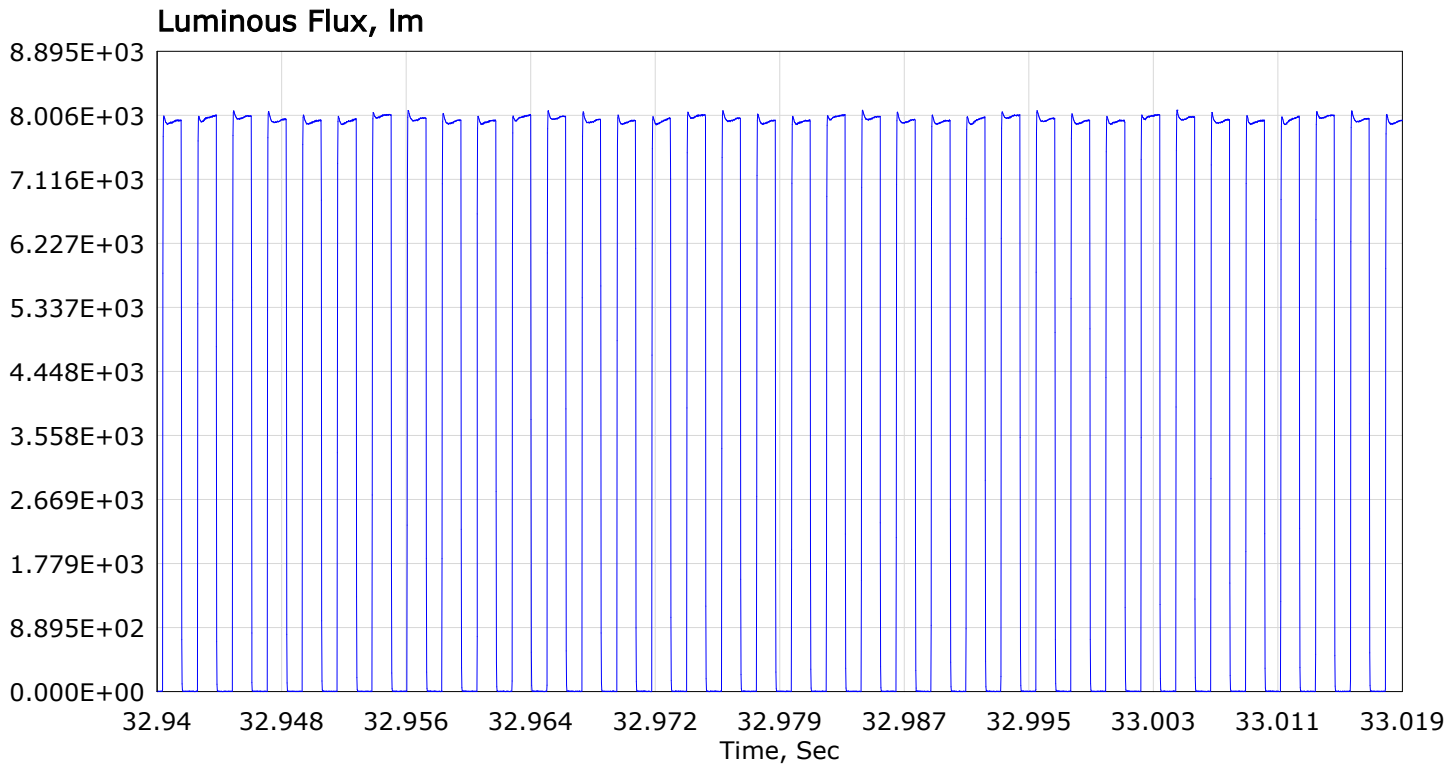
NM1: 0.497
Modulation: 100.000%
NM2: 1.310
Risk Level: Low Risk

ASSIST

Flicker Index: 0.454
Percent Flicker: 100.000%
Mp: 0.120
Dp: 0.691%
d: 51.430%
a: 1.437
fb: 73.058 Hz
Evaluate: SW acceptable

CA CEC

PAM: 100.000%
PAM(40Hz): 0.338%
PAM(90Hz): 0.480%
PAM(200Hz): 1.067%
PAM(400Hz): 1.727%
PAM(1000Hz): 100.000%



Test Lab: Ecopac(UK)Power Ltd
Test Equipment: LFM-5000
Operator: ZL
Test Time: 2026-08-11 10:59:32
Photometric Type: Luminous Flux
Testing Environment: 25.7 °C, 55.9%
Sample Rate: 50 KS/s
Sample Duration: 60.0 S
Signal: P1,M8109,
According: IESNA 2000, CIE TN 006, etc

Test Report for CIE SVM

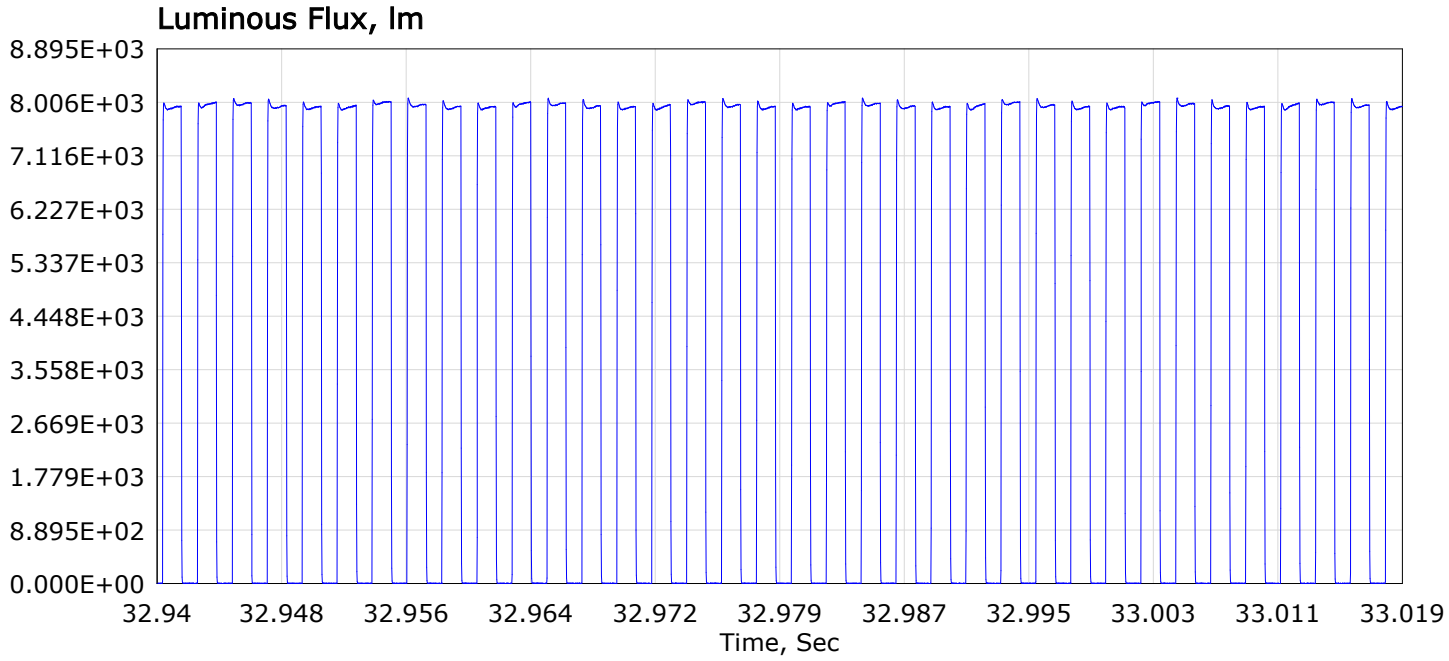
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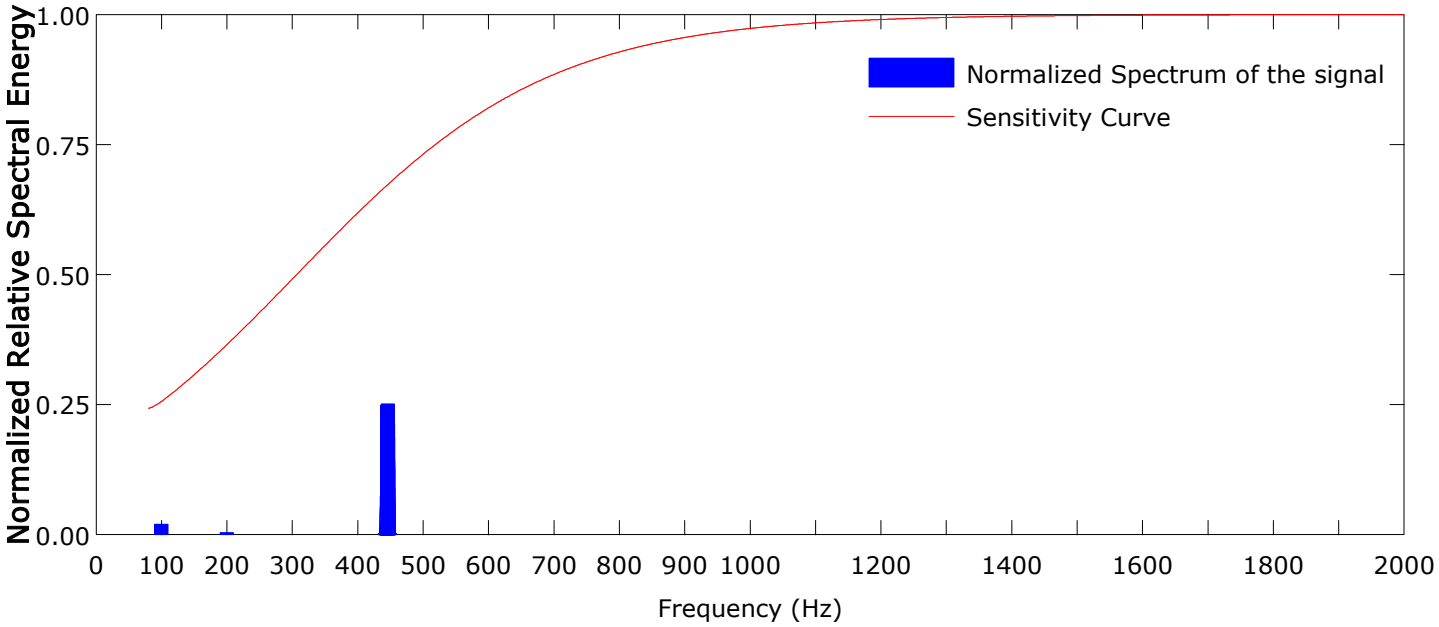
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SVM: 0.479

Average: 4288.065 lm
Minimum: 0.000 lm
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Visibility: Not Visibile





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Operator: ZL
Photometric Type: Luminous Flux
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Signal: P1,M8109,

Test Equipment: LFM-5000
Test Time: 2026-08-11 10:59:32
Testing Environment: 25.7 °C, 55.9%
Sample Duration: 60.0 S
According: CIE TN 006:2016

Test Report for IEC Pst

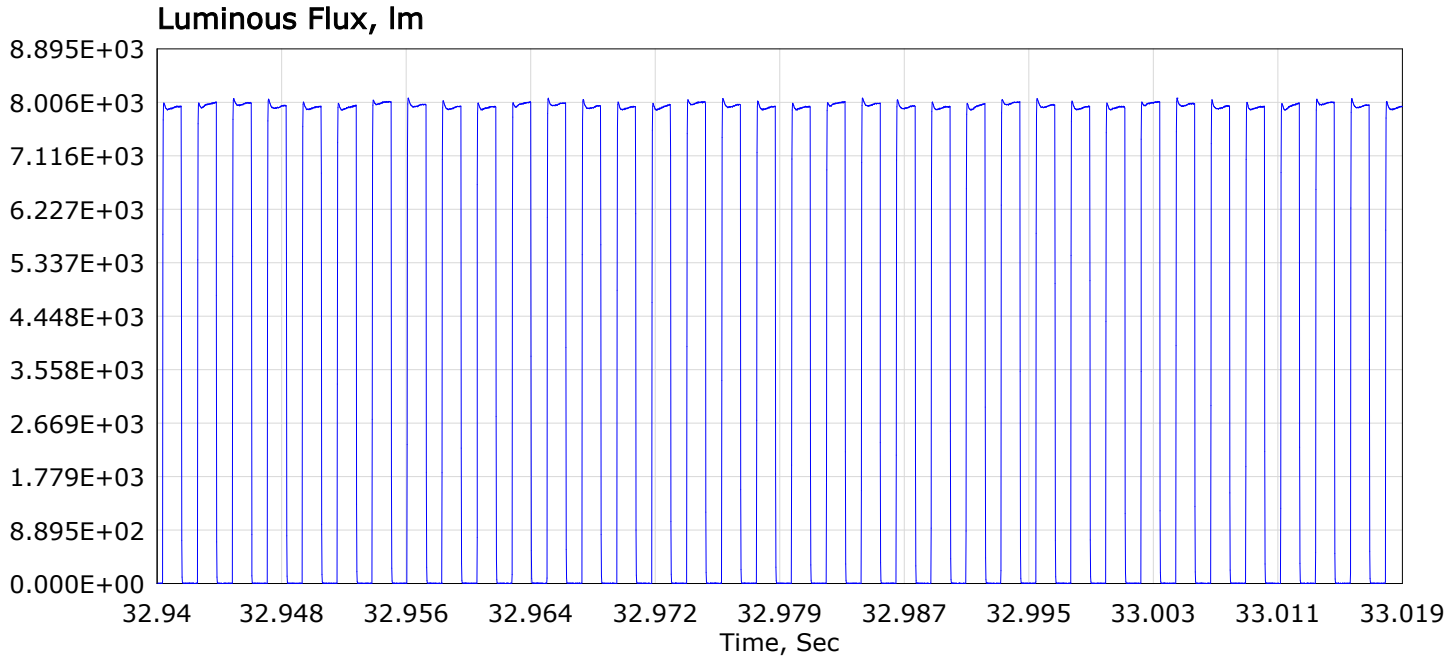
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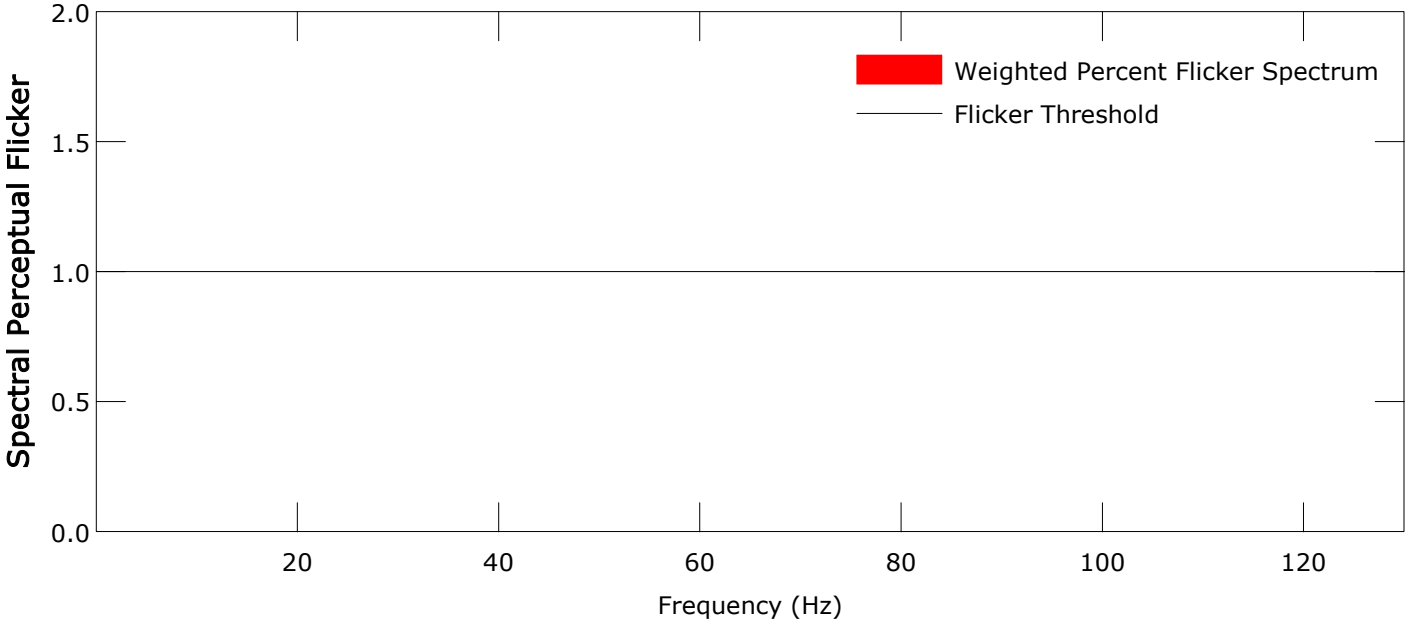
Manufacturer: China Factory
Number:
Comments: 50% brightness level

Test Results

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Frequency: 445.986 Hz
Maximum: 8086.450 lm
Flicker Index: 0.454
PstLM: 0.307

Average: 4288.065 lm
Minimum: 0.000 lm
Percent Flicker: 100.000%
Evaluate: Acceptable





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Operator: ZL
Photometric Type: Luminous Flux
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Signal: P1,M8109,

Test Equipment: LFM-5000
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Testing Environment: 25.7 °C, 55.9%
Sample Duration: 60.0 S
According: IEC TR 61547-1:2020

Test Report for IEEE Std1789

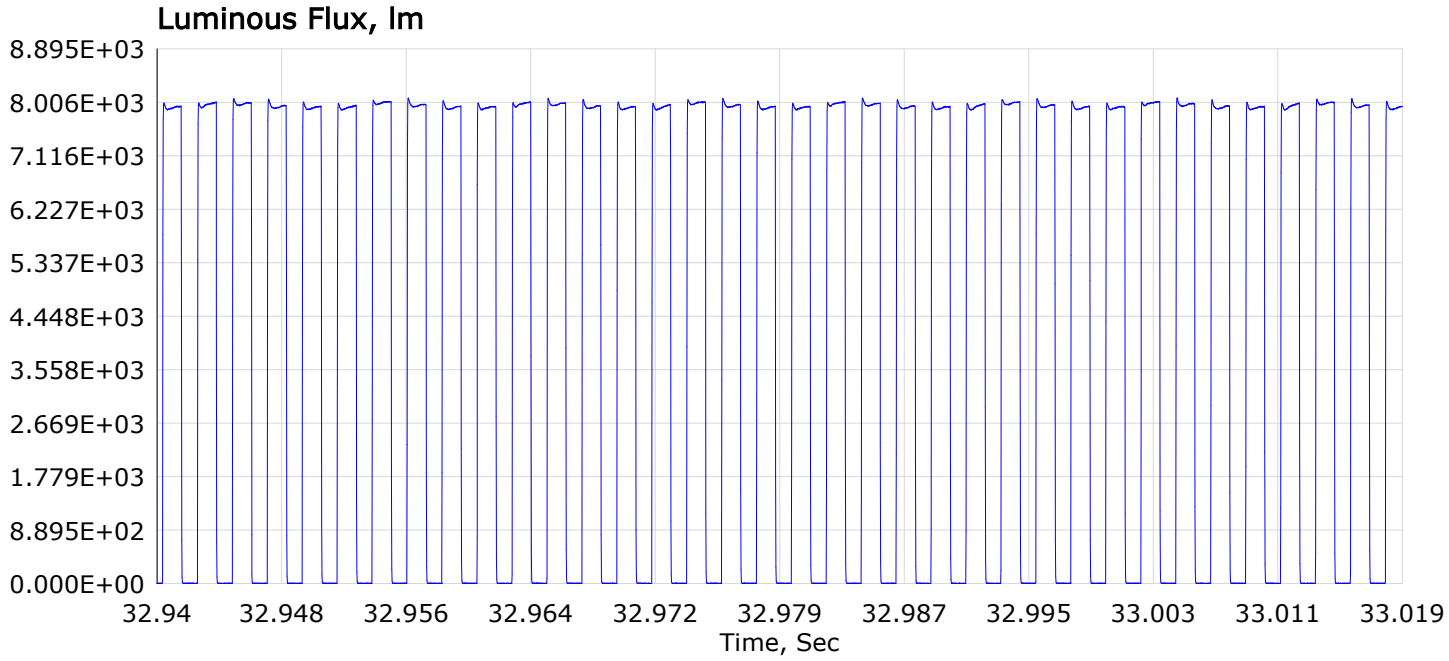
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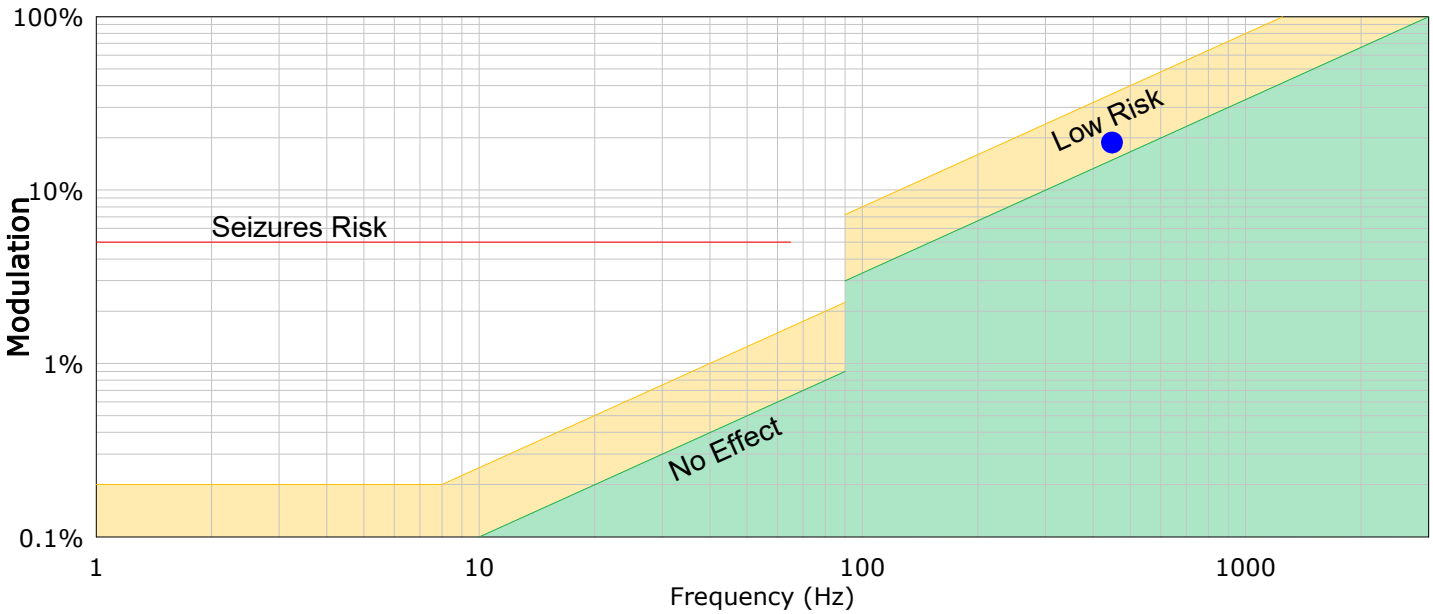
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According: IEEE Std 1789-2015